

Practice: 528 - Prescribed Grazing**Scenario: #1 - Standard****Scenario Description:**

Design and implementation of a grazing system on rangeland or pasture that will enhance ecosystem function, enhance habitat components for the identified wildlife species of concern and/or improve the plant community as well as optimize efficiency and economic return through monitoring. This scenario is for balancing grazing animal numbers with production of forage resulting in a stabilized system that resulted in decreasing the number of animals on the operating unit(s).

Before Situation:

A resource concern has been identified through field inventories and determined that the plant communities exhibit undesirable and inefficient use of forage plants and there is a negative impact on rangeland health, pasture condition, soil and water resources. Additionally, wildlife cover, shelter, food, water and movement are limited due to grazingland condition. Stocking rates are likely higher than the current level of production and efficiency of use can support without management changes. There is currently no monitoring plan in place to evaluate change on the landscape.

After Situation:

Prescribed grazing system has been implemented that results in the protection of the resource base and the health and vigor of the plant communities that are in place have recovered and/or enhanced to benefit habitat for targeted wildlife species. Livestock are managed in a way that enhances rangeland health or pasture condition and function through protection of sensitive areas, and efficient harvest of forage resources. Grazing system success will be evaluated through short term monitoring.

Scenario Feature Measure: Acres Properly Grazed**Scenario Unit:** Acre**Scenario Typical Size:** 500**Scenario Cost:** \$5,215.46**Scenario Cost/Unit:** \$10.43**Cost Details (by category):**

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Acquisition of Technical Knowledge						
Training, Workshops	294	Educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants.	Each	\$44.18	1	\$44.18
Equipment/Installation						
Rangeland/grassland field monitoring kit	967	Miscellaneous tools needed to complete rangeland/grassland monitoring. Materials may include camera, clippers, plot frame, scale, tape measure, etc. Includes materials and shipping only.	Each	\$45.96	1	\$45.96
All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hour	\$26.07	60	\$1,564.20
Foregone Income						
FI, Grazing AUMs	2079	Grazing is the Primary Land Use	AUM	\$11.89	108	\$1,284.12
Labor						
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hour	\$37.95	60	\$2,277.00

Practice: 528 - Prescribed Grazing**Scenario: #2 - Deferment****Scenario Description:**

Defer Rangeland as required in the standard for up to one year after treatment for invasive weeds or brush to improve the health and vigor or to provide nesting habitat for wildlife species. Brush inventory or forage inventory records indicate the dates of deferment and monitoring will determine if the desired objectives have been accomplished

Before Situation:

Rangeland has been treated for invasive weeds or brush that requires deferment as required in the 528 standard.

After Situation:

Rangeland deferment has improved the grazingland plant health, species diversity, vigor, ecosystem function, and forage production has increased to a level that will support moderate stocking rates in a planned grazing management system,

Scenario Feature Measure: Acres Deferred

Scenario Unit: Acre

Scenario Typical Size: 320

Scenario Cost: \$1,047.36

Scenario Cost/Unit: \$3.27

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation						
Trucking, moving livestock to new paddock	961	Livestock transportation costs to implement a grazing rotation using a gooseneck trailer 6'8" x 24'. Includes equipment, power unit and labor costs.	Mile	\$2.21	25	\$55.25
Rangeland/grassland field monitoring kit	967	Miscellaneous tools needed to complete rangeland/grassland monitoring. Materials may include camera, clippers, plot frame, scale, tape measure, etc. Includes materials and shipping only.	Each	\$45.96	1	\$45.96
Foregone Income						
FI, Grazing AUMs	2079	Grazing is the Primary Land Use	AUM	\$11.89	70	\$832.30
Labor						
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hour	\$37.95	3	\$113.85

Practice: 528 - Prescribed Grazing**Scenario: #3 - Intensive****Scenario Description:**

Design and implementation of a grazing system on rangeland or pasture that will enhance ecosystem function as well as optimize efficiency and economic return through monitoring. The planned grazing management system will focus on timing, frequency, season of use and higher stock densities. This scenario is intended to be used on multi paddock high stock density grazing systems on rangeland and pasture. This scenario is for balancing grazing animal numbers with production of forage resulting in an intensively grazed, stabilized system that resulted in decreasing the number of animals on the operating unit(s).

Before Situation:

Current field inventories indicate that upward rangeland trend or pasture condition can be achieved through intensive management. The current system in operation meets minimum resource requirements, however opportunity exists to increase species diversity, soil health, nutrient and water cycling.

After Situation:

Intensive grazing system has been implemented that results in the protection of the resource base and the health and vigor of the plant communities that are in place have recovered. Livestock are managed in a way that enhances rangeland health and function or pasture condition through protection of sensitive areas, and efficient harvest of forage resources. Grazing system success will be evaluated through short term monitoring.

Scenario Feature Measure: Acres Properly Grazed

Scenario Unit: Acre

Scenario Typical Size: 500

Scenario Cost: \$10,144.10

Scenario Cost/Unit: \$20.29

Cost Details (by category):

Component Name	ID	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Acquisition of Technical Knowledge						
Training, Workshops	294	Educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants.	Each	\$44.18	1	\$44.18
Equipment/Installation						
Rangeland/grassland field monitoring kit	967	Miscellaneous tools needed to complete rangeland/grassland monitoring. Materials may include camera, clippers, plot frame, scale, tape measure, etc. Includes materials and shipping only.	Each	\$45.96	1	\$45.96
All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hour	\$26.07	130	\$3,389.10
Foregone Income						
FI, Grazing AUMs	2079	Grazing is the Primary Land Use	AUM	\$11.89	108	\$1,284.12
Labor						
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hour	\$37.95	130	\$4,933.50
Materials						
Nutritional Balance Analyzer, fecal sample analysis only	1127	NIRS fecal analysis, animal performance report. Includes materials and shipping only.	Each	\$37.27	12	\$447.24